

**CAPACITIVE RELAY TAKEOFF
SWIMMING PLATFORM SENSOR SYSTEM**

ABSTRACT OF THE DISCLOSURE

5 A capacitive relay takeoff swimming platform sensor system including multiple stations, timing devices and capacitive sensor devices where the presence or departure of a second swimmer on a relay takeoff swimming platform is sensed by the change in a capacitive field above a sensing mat
10 and compared to the arrival of a first swimmer at a touchpad sensor.